



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

July 16, 2025

Shannon Cooley  
Regulatory Specialist  
Control Solutions Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507

Subject: Label Amendment – Addition of Optional Marketing Graphics  
Registration Review Label Amendment – Incorporating Mitigation Measures  
from the Registration Review Interim Decision for Prometon  
Product Name: Pramitol 25E  
EPA Registration Number: 53883-505  
Application Date(s): 12/16/2021 and 5/29/2025  
Case Number/Decision Number: 659284, 661609 (597092)

Dear Shannon Cooley:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The Agency, in accordance with FIFRA, as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Prometon Interim Decision. The Agency has concluded that your submission is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. *The next label printing of this product must use this labeling unless subsequent changes have been approved.* You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After *12 months*, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Margaret Golembiewski at (202)566-0304 or at [golembiewski.margaret@epa.gov](mailto:golembiewski.margaret@epa.gov).

Sincerely,

*Kable Bo Davis*

Kable Bo Davis; Senior Advisor  
Office of Pesticide Programs  
Registration Division; Immediate Office

Enclosure

**ACCEPTED**

07/16/2025

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 53883-505

**PROMETON GROUP 5 HERBICIDE**

**[Note to label editor: This is the MASTER LABEL and is for Pramitol 25E not packaged in water soluble bags. See SECONDARY LABEL at the end of the MASTER LABEL for Pramitol 25E packaged in Water Soluble Bags.]**

# **PRAMITOL® 25E**

## **HERBICIDE**

### **FOR TOTAL VEGETATION CONTROL OF WEEDS IN NONCROP AREAS**

Bare ground weed control around buildings, storage areas, fences, pumps, machinery, fuel tanks, roadways, guard rails, airports, military installations, highway medians, pipelines, lumberyards, industrial sites, rights-of-way.

#### **ACTIVE INGREDIENT:**

Prometon: 2,4-bis(isopropylamino)-6-methoxy-s-triazine..... 25.0%

**OTHER INGREDIENTS\*** ..... 75.0%

**TOTAL** 100.0%

\* Contains petroleum distillates.

This product contains 2 lbs. active ingredient per gallon. One gallon treats up to 10,000 sq. ft.

Manufactured for:

Control Solutions, Inc.

5903 Genoa Red Bluff Rd.

Pasadena, TX 77507

**NET CONTENTS: \_\_\_\_\_ GALLON(s)**

EPA Reg. No. 53883-505

EPA Est. No. \_\_\_\_\_

### **KEEP OUT OF REACH OF CHILDREN**

### **CAUTION/PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

<b>FIRST AID</b>	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give any liquid to the person.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p><b>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall 1-866-897-8050 for emergency medical treatment information. NOTE TO PHYSICIAN:</b> Contains petroleum distillate; vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage. Treat for circulatory shock, respiratory depression, and convulsions, if needed.</p>	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

All mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Natural Rubber ≥ 14 mils, Polyethylene, Polyvinyl Chloride (PVC) ≥ 14 mils and Viton ≥ 14 mils

**In addition, mixers and loaders supporting motorized ground equipment and handlers cleaning up spills or equipment must wear:**

- Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Natural Rubber ≥ 14 mils, Polyethylene, Polyvinyl Chloride (PVC) ≥ 14 mils and Viton ≥ 14 mils

### User Safety Recommendations

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

NON-TARGET ORGANISM ADVISORY: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated stie. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

## PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store the product near heat or open flame. Store at temperatures above 32°F.

## DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

## WEED RESISTANCE MANAGEMENT

For resistance management, Pramitol 25E is a Group 5 herbicide. Any weed population may contain or develop plants naturally resistant to Pramitol 25E and other Group 5 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of Pramitol 25E or other Group 5 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide used and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g. higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- Report any incidence of non-performance of this product against a particular weed species to Control Solutions, Inc., your local retailer or your local extension specialist. If resistance is suspected, treat weed escapes with a herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

## PRODUCT INFORMATION

Pramitol® 25E is a nonselective herbicide that can be applied in water or oil before or after plant growth begins. Although Pramitol 25E has considerable activity through foliar contact, much of its activity is through roots; therefore, **its effectiveness is dependent on rainfall to move it into the root zone. Very dry soil conditions and lack of sufficient rainfall may result in poor weed control.**

This product will not provide herbicidal action in the treated area unless application is immediately followed by watering the area with at least ¼" of water or application of the product just prior to a rain event sufficient to penetrate to the root system of the target vegetation.

**Important:** Use only in areas where complete control of all vegetation is desired such as industrial sites, rights-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.

Pramitol 25E is generally noncorrosive to equipment but may cause swelling or more rapid deterioration of hoses and fittings containing natural rubber.

When an adjuvant is to be used with this product, Control Solutions, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

Removable chemical extraction probes (also known as “stingers”) used in suction/extraction systems must be rinsed within the pesticide container prior to removal.

### **USE RESTRICTIONS:**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not apply within 100 feet of any well used for potable water.

Do not use this product to sloped areas where desirable vegetation or nearby water bodies may be located downhill of the application area, since injury to desirable plants and other vegetation may result.

Do not apply this product in a residential setting.

Weeds greater than 4 inches must be mowed, removed, or hoed into the soil prior to application.

Do not enter or allow entry until sprays have dried.

Do not use product on railroads.

Apply only in spot treatments not to exceed 100 square feet per acre. The 18 lbs. a.i./A maximum single use rate is equivalent to 0.041 lbs a.i. per 100 sq ft spot treatment.

Maximum single application rate for spot treatments not to exceed 18 lbs. a.i./A.

Maximum single application rate not to exceed 10 lbs. a.i./A.

## **MANDATORY SPRAY DRIFT MANAGEMENT**

### **Ground Boom Applications:**

- Do not release spray at a height greater than 4 feet above the ground or crop canopy.
- Applicators must select nozzle and pressure that deliver medium or courser droplets in accordance with American Society of Agricultural & Biological Engineers Standard 572 (ASABE S572).
- Do not apply when wind speeds exceed 15 mph at the application site.
- Do not apply during temperature inversions.

### **Boomless Ground Applications:**

- Applicators are required to use a medium or coarser droplet size (ASABE S572) for all applications.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

### **SPRAY DRIFT ADVISORIES**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.  
BE AWARE OF NEARBY NON-TARGET STIES AND ENVIRONMENTAL CONDITIONS.

## IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

### Controlling Droplet Size – Ground Boom

- Volume – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

### BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

## SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

## TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

## TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft some generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

## WIND

Drift potential generally increases with wind speed.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### Boomless Ground Applications:

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

### Handheld Technology Applications:

- Take precautions to minimize spray drift.

## INDUSTRIAL SITES AND NONCROP AREAS

Pramitol 25E can be applied before or up to 3 months after weed emergence. Application rates vary from 4-10 gals. of Pramitol 25E per acre depending on climatic conditions, soil type, the weeds present, and the stage of growth of the weeds. In the following use rates, the higher rates are intended for use on heavier soils where weed growth is heavy and where rainfall is expected to be relatively high. Use higher rates where longer residual control is desired in regions with a long growing season.

Although Pramitol 25E has considerable activity through foliar contact, much of its activity is through roots; therefore, **its effectiveness is dependent on rainfall to move it into the root zone. Very dry soil conditions and lack of sufficient rainfall may result in poor weed control.**

For best results, apply Pramitol 25E before weeds emerge or when weeds are young and actively growing. For control of annual and susceptible perennial weeds and grasses such as downy brome grass, oatgrass, goosegrass, quackgrass, puncturevine, goldenrod, and plantain: Broadcast 4.0 - 6.125 gals. Pramitol 25E in 50 - 100 gals. of water per acre.

For control of hard-to-kill perennial weeds and grasses such as johnsongrass, bindweed, and wild carrot:

Broadcast 7.5 - 10 gals. of Pramitol 25E in 50 - 100 gals. of water per acre.

For faster top-kill of existing vegetation, apply Pramitol 25E in diesel oil, fuel oil, or weed oil. Use oils at rates of 100 - 200 gals. per acre. Tall, dense vegetation such as johnsongrass will generally require 150 or more gals. of oil per acre for thorough coverage.

When applying Pramitol 25E to a small area with backpack or pump-up sprayers with capacities of 1 - 3 gals., calibrate the sprayer so that 1 gal. of water covers 500 sq. ft. Then mix 1/2 - 7/8 pt. of Pramitol 25E with water to obtain a total volume of 1 gal. and apply uniformly over a 500 sq. ft. area. For hard-to-kill perennial weeds and grasses, use the higher rate. If green foliage is present, part or all of the water can be substituted with oil to provide burndown.

*RESTRICTIONS: (1) Feeder roots of desirable plants often extend far beyond the drip line of the branches. Do not apply this product or drain or flush application equipment in locations where the chemical may come into contact with root zones of desirable trees, shrubs, or plants or injury may occur. (2) Do not use on land to be cropped. (3) Do not use for weed control in greenhouses. (4) For applications to industrial sites, not including treatments made under solid or block paving, limit to 1 application/year. The maximum use rate is 0.20 lbs ai/500 square feet, or the equivalent to a maximum of 18 lbs ai/A.*

## ASPHALT PAVEMENT

Pramitol 25E may be used to extend the useful life of asphalt pavement by preventing weeds from emerging through it. Pramitol 25E may be applied to the ground before laying asphalt or it may be mixed with cutback asphalts.

Use Pramitol 25E only where the area to be treated has been prepared according to good construction practices. If rhizomes, tubers, or other vegetative parts are present in the site, remove by scalping with a grader blade. Recompaction of the site following disking or plowing will allow good penetration of Pramitol 25E and will help to ensure proper asphalt curing and good weed control.

Pramitol 25E will not control woody vegetation such as small trees, brush, or woody vines. Remove roots of such species from the site before application.

**Under Asphalt:** Pramitol 25E may be applied to the ground before laying rapid, medium, or slow curing asphalt coatings such as those used on parking lots, highway shoulders and median strips, roadways, and other industrial sites. Apply Pramitol 25E just before laying of the asphalt coating to prevent possible lateral movement of the herbicide by rainfall or other mechanical means. Sprayers should be equipped to provide continuous agitation of the spray mixture during application to ensure application of a uniform spray emulsion.

Apply Pramitol 25E uniformly at the rate of 7.8 gals. per acre (23 oz. per 1,000 sq. ft.) in a minimum of 100 gals. of water. Use the lower rate to control annual and susceptible perennial weeds and grasses such as downy brome grass, oatgrass, goosegrass, quackgrass, puncturevine, goldenrod, and plantain. Use the higher rate to control hard-to-kill perennial weeds and grasses such as johnsongrass, bindweed, and wild carrot.

**Mixed with Cutback Asphalt:** Pramitol 25E may be mixed with standard and special cutback asphalts (such as RC, MC, and SC) for weed control in areas being stabilized such as highway shoulders, highway median strips, under highway fences and guard rails, along airport runways and lights, soil and small stone aggregates on shoulders, and cracked asphalt surfaces being resurfaced.

Pramitol 25E should be simultaneously mixed with the cutback asphalt as it is being pumped into the applicator or transport truck to assure a homogeneous mix. Temperatures in the applicator or transport truck should not exceed 170°F.

Use Pramitol 25E at the rate of 23 fl. oz. per 1,000 sq. ft. (equivalent to 7.8 gals. per acre of Pramitol 25E). Use the lower rate on ordinary weed and grass complexes such as dallisgrass, King Ranch bluestem, knotroot, bristleglass, and the higher rate where johnsongrass, bermudagrass, or other deep-rooted perennials are present.

In arid areas where deep-rooted perennials are a problem, best results can be obtained by making the application from midsummer through late fall or prior to the rainy season.



**RESTRICTIONS:** (1) Do not apply cutback asphalt mixtures containing Pramitol 25E to soil saturated with water. The condition of the soil should be favorable for penetration or proper asphalt curing may be affected. (2) Do not apply Pramitol 25E with asphalt emulsions such as SS. (3) Feeder roots of desirable plants often extend far beyond the drip line of the branches. Do not apply this product or drain or flush application equipment in locations where the chemical may come into contact with root zones of desirable trees, shrubs, or plants or injury may occur. (4) Do not use on land to be cropped. (5) Do not use for weed control in greenhouses. (6) The maximum use rate of 0.18 lb ai/500 square feet or the equivalent to a maximum of 16 lbs ai/A. (7) Do not use Pramitol 25E under asphalt coatings less than 2 inches thick. (8) Limit to 1 application per year.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store at temperatures above 32°F.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility.

#### **CONTAINER HANDLING:**

**Nonrefillable Container (five gallons or less):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Nonrefillable Container (greater than five gallons):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Refillable Container (greater than 55 gallons):** Refillable container. Refill this container with this product only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. For final disposal, offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

#### **LIMITATION OF WARRANTY AND LIABILITY**

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY.**

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with the applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions,

Inc.'s election, the replacement of product.

Pramitol® is a registered trademark of Makhteshim Agan of North America, Inc.

**[Note to label editor: This is the SECONDARY LABEL and is for Pramitol 25E packaged in Water Soluble Bags.]**

# PRAMITOL® 25E

## HERBICIDE

**FOR TOTAL VEGETATION CONTROL OF WEEDS IN NONCROP AREAS**

**Bare ground weed control around buildings, storage areas, fences, pumps, machinery, fuel tanks, roadways, guard rails, airports, military installations, highway medians, pipelines, lumberyards, industrial sites, rights-of-way.**

- Prevents plant regrowth for up to one year. Kills almost all vegetation, down to the roots

ACTIVE INGREDIENT:	% BY WT.
Prometon: 2,4-bis(isopropylamino)-6-methoxy-s-triazine.....	25.0%
OTHER INGREDIENTS* .....	75.0%
	TOTAL 100.0%

\* Contains petroleum distillates.

This product contains 2 lbs. active ingredient per gallon. A premeasured dose in each water soluble pouch (WSP).

One pouch treats up to 170 sq. ft.

Manufactured for:  
Control Solutions, Inc.  
5903 Genoa Red Bluff Rd.  
Pasadena, TX 77507

**NET CONTENTS: \_\_\_\_\_ GALLON(s)**

EPA Reg. No. 53883-505

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<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p><b>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall at 1-866-897-8050 for emergency medical treatment information. NOTE TO PHYSICIAN:</b> Contains petroleum distillate; vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage. Treat for circulatory shock, respiratory depression, and convulsions, if needed.</p>	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

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### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

All mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Natural Rubber ≥ 14 mils, Polyethylene, Polyvinyl Chloride (PVC) ≥ 14 mils and Viton ≥ 14 mils

**In addition, mixers and loaders supporting motorized ground equipment and handlers cleaning up spills or equipment must wear:**

Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Natural Rubber ≥ 14 mils, Polyethylene, Polyvinyl Chloride (PVC) ≥ 14 mils and Viton ≥ 14 mils

### User Safety Recommendations

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

NON-TARGET ORGANISM ADVISORY: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated stie. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

## PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store the product near heat or open flame. Store at temperatures above 32°F.

## DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

### WEED RESISTANCE MANAGEMENT

For resistance management, Pramitol 25E is a Group 5 herbicide. Any weed population may contain or develop plants naturally resistant to Pramitol 25E and other Group 5 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of Pramitol 25E or other Group 5 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide used and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g. higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- Report any incidence of non-performance of this product against a particular weed species to Control Solutions, Inc., your local retailer or your local extension specialist. If resistance is suspected, treat weed escapes with a herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

## PRODUCT INFORMATION

Pramitol® 25E is a nonselective herbicide that can be applied in water or oil before or after plant growth begins. Although Pramitol 25E has considerable activity through foliar contact, much of its activity is through roots; therefore, **its effectiveness is dependent on rainfall to move it into the root zone. Very dry soil conditions and lack of sufficient rainfall may result in poor weed control.**

This product will not provide herbicidal action in the treated area unless application is immediately followed by watering the area with at least ¼" of water or application of the product just prior to a rain event sufficient to penetrate to the root system of the target vegetation.

**Important:** Use only in areas where complete control of all vegetation is desired such as industrial sites, rights-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.

Pramitol 25E is generally noncorrosive to equipment but may cause swelling or more rapid deterioration of hoses and fittings containing natural rubber.

When an adjuvant is to be used with this product, Control Solutions, Inc., Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

Water Soluble Packages (WSPs) are designed to dissolve in water. Agitation may be used, if necessary, to help dissolve the WSP. Failure to follow handling and mixing instructions can increase your exposure to the pesticide products in WSPs. WSPs, when used properly, qualify as a closed mixing/loading system under the Agricultural Worker Protection Standard [40 CFR 170.607(d)].

#### Handling Instructions

Follow these steps when handling pesticide products in WSPs.

1. Mix in spray tank only.
2. Handle the WSP in a manner that protects package form breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instructions.
3. Keep the WSP in outer packaging until just before use.
4. Keep the WSP dry prior to adding to the spray tank.
5. Handle with dry gloves and according to the label instructions for PPE.
6. Keep the WSP intact. Do not cut or puncture the WSP.
7. Reseal the WSP outer packaging to protect any unused WSP(s).

#### Mixing Instructions

Follow the steps below when mixing this product, including if it is tank-mixed with other pesticide products. If being tank-mixed, the mixing directions 1 through 9 below take precedence over the mixing directions of the other tank mix products. WSPs may, in some cases, be mixed with other pesticide products so long as the directions for use of all the pesticide product components do not conflict. Do not tank-mix this product with products that prohibit tank-mixing or have conflicting mixing directions.

1. If a basket or strainer is present in the tank hatch, remove prior to adding the WSP to the tank.
2. Fill tank with water to approximately one-third to one-half of the desired final volume of spray.
3. Stop adding water and stop any agitation.
4. Place intact/unopened WSP into the tank.
5. Do not spray water from a hose or fill pipe to break or dissolve the WSP.
6. Start mechanical and recirculation agitation from the bottom of tank without using any overhead recirculation, if possible. If overhead recirculation cannot be turned off, close the hatch before starting agitation.
7. Dissolving the WSP may take up to 5 minutes or longer, depending on water temperature, water hardness and intensity of agitation.
8. Stop agitation before tank lid is opened.
9. Open the lid to the tank, exercising caution to avoid contact with dusts or spray mix, to verify that the WSP has fully dissolved, and the contents have been thoroughly mixed into the solution.
10. Do not add other allowed products or complete filling the tank until the bags have fully dissolved and pesticide is thoroughly mixed.
11. Once the WSP has fully dissolved and any other products have been added to the tank, resume filling the tank with water to the desired level, close the tank lid, and resume agitation.
12. Use the spray solution when mixing is complete.
13. Maintain agitation of the diluted pesticide mix during transport and application.
14. It is unlawful to use any registered pesticide, including WSPs in a manner inconsistent with its label.

## ENGINEERING CONTROLS STATEMENT

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard [40 CFR 170.607(d)]. Mixers and loaders handling this product while it is enclosed in intact water soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, socks. When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for “applicators and other handlers” and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

Removable chemical extraction probes (also known as “stingers”) used in suction/extraction systems must be rinsed within the pesticide container prior to removal.

## USE RESTRICTIONS:

- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- Do not apply within 100 feet of any well used for potable water.
- Do not use this product to sloped areas where desirable vegetation or nearby water bodies may be located downhill of the application area, since injury to desirable plants and other vegetation may result.
- Do not apply this product in a residential setting.
- Weeds greater than 4 inches must be mowed, removed, or hoed into the soil prior to application.
- Do not enter or allow entry until sprays have dried.
- Do not use product on railroads.
- Apply only in spot treatments not to exceed 100 square feet per acre. The 18 lbs. a.i./A maximum single use rate is equivalent to 0.041 lbs a.i. per 100 sq ft spot treatment.
- Maximum single application rate for spot treatments not to exceed 18 lbs. a.i./A.
- Maximum single application rate not to exceed 10 lbs. a.i./A.

## MANDATORY SPRAY DRIFT MANAGEMENT

### Ground Boom Applications:

- Do not release spray at a height greater than 4 feet above the ground or crop canopy.
- Applicators must select nozzle and pressure that deliver medium or courser droplets in accordance with American Society of Agricultural & Biological Engineers Standard 572 (ASABE S572).
- Do not apply when wind speeds exceed 15 mph at the application site.
- Do not apply during temperature inversions.

### Boomless Ground Applications:

- Applicators are required to use a medium or coarser droplet size (ASABE S572) for all applications.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

## SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.  
BE AWARE OF NEARBY NON-TARGET STIES AND ENVIRONMENTAL CONDITIONS.

## IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

### Controlling Droplet Size – Ground Boom

- Volume – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the

highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.

- Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

### **BOOM HEIGHT – Ground Boom**

For ground equipment, the boom should remain level with the crop and have minimal bounce.

### **SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

### **TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

### **TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft some generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

### **WIND**

Drift potential generally increases with wind speed.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### **Boomless Ground Applications:**

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

### **Handheld Technology Applications:**

- Take precautions to minimize spray drift.

## **INDUSTRIAL SITES AND NONCROP AREAS**

Pramitol 25E can be applied before or up to 3 months after weed emergence. Application rates vary from 1 water-soluble pouch per 170 sq. ft. to 2 water soluble pouches per 170 sq. ft depending on climatic conditions, soil type, the weeds present, and the stage of growth of the weeds. In the following use rate, the higher rates are intended for use on heavier soils where weed growth is heavy and where rainfall is expected to be relatively high. Use higher rate where longer residual control is desired in regions with a long growing season.

Although Pramitol 25E has considerable activity through foliar contact, much of its activity is through roots; therefore, **its effectiveness is dependent on rainfall to move it into the root zone. Very dry soil conditions and lack of sufficient rainfall may result in poor weed control.**

For best results, apply Pramitol 25E before weeds emerge or when weeds are young and actively growing. For control of annual and susceptible perennial weeds and grasses such as downy brome grass, oatgrass, goosegrass, quackgrass, puncturevine, goldenrod, and plantain: When packaged in water soluble pouches, mix one 2 oz. water soluble pouch (WSP) of Pramitol 25E in 2 gallons of water and apply to 170 sq. ft.

For control of hard-to-kill perennial weeds and grasses such as johnsongrass, bindweed, and wild carrot: When packaged in water soluble pouches, mix two 2 oz. water soluble pouch (WSP) of Pramitol 25E in 2 gallons of water and apply to 170 sq. ft.

**RESTRICTIONS:** (1) Feeder roots of desirable plants often extend far beyond the drip line of the branches. Do not apply this product or drain or flush application equipment in locations where the chemical may come into contact with root zones of desirable trees, shrubs, or plants or injury may occur. (2) Do not use on land to be cropped. (3) Do not use for weed control in greenhouses. (4) For applications to industrial sites, not including treatments made under solid or block paving, limit to 1 application/year. The maximum use rate is 0.20 lbs ai/500 square feet, or the equivalent to a maximum of 18 lbs. ai/A.



## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store at temperatures above 32°F.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility.

### CONTAINER HANDLING:

**Nonrefillable Container (five gallons or less):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Nonrefillable Container (greater than five gallons):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Refillable Container (greater than 55 gallons):** Refillable container. Refill this container with this product only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. For final disposal, offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

## LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following

### CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS

#### OF LIABILITY.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc.'s election, the replacement of product.

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*[Optional marketing graphics]*

